



Research Reactor Center
University of Missouri-Columbia

Research Park
Columbia, MO 65211

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March 31, 2010

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-37
Washington, DC 20555-0001

REFERENCE: Docket Number 50-186
University of Missouri – Columbia Research Reactor
Amended Facility License R-103

SUBJECT: Federal Funding for the Conversion of the University of Missouri –
Columbia Research Reactor from Highly-Enriched Uranium Fuel to Low-
Enriched Uranium Fuel

Enclosed is a copy of the U.S. Department of Energy (DOE) letter stating Federal funding under the DOE's University Research Reactor Infrastructure Program for the conversion of the University of Missouri – Columbia Research Reactor (MURR) from highly-enriched uranium (HEU) fuel to low-enriched uranium (LEU) fuel will not be available during fiscal year 2010.

Sincerely,

Les P. Foyto
Reactor Manager

ENDORSEMENT:
Reviewed and Approved

Ralph A. Butler, P.E.
Director

Enclosure

xc: Mr. Alexander Adams, Jr., U.S. NRC
Mr. Craig Bassett, U.S. NRC

AO 20
NRR



Department of Energy

Idaho Operations Office
1955 Fremont Avenue
Idaho Falls, ID 83401

March 18, 2010

Mr. Ralph Butler
University of Missouri – Columbia
Research Reactor Facility
Columbia, MO 65211

SUBJECT: Notification that No Federal Funding will be Available in Fiscal Year 2010 to Support the University of Missouri Research Reactor Conversion from Highly-Enriched Uranium Fuel to Low-Enriched Uranium (IS-10-013)

Dear Mr. Butler:

The University of Missouri's Research Reactor (MURR) applied for a unique purpose exemption as defined in 10 CFR Part 50.2, which is still under review by the Nuclear Regulatory Commission (NRC). In accordance with 10 CFR Part 50.64, *Limitations on the Use of Highly Enriched Uranium in Domestic Non-Power Reactors*, MURR is required to send a letter annually to the NRC documenting if Federal funds are available to convert to low-enriched uranium (LEU) fuel.

You are hereby notified that, although DOE funding is being made available for conducting feasibility studies, the fact that MURR's current compact core cannot be converted to LEU fuel with any of the currently approved fuel loading densities precludes DOE from providing Federal funding for the conversion to LEU fuel during fiscal year 2010.

You will be notified in the event these circumstances change. If you have any questions, please contact me on (208) 526-6876.

Sincerely,

A handwritten signature in black ink, appearing to read "James R. Wade".

James R. Wade, Manager
Research Reactor Infrastructure Program
Office of Nuclear Energy

cc: Parrish A. Staples, NA-212
Tracey Bishop, DOE-HQ, NE-32